2151

PATENT

#3 LDT 2-15-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TAME Dkt. No:	5181-75400
Client Ref. No.:	P5382
Inventor(s):	Lee & Rettberg
Serial No.:	09/851,299
Filing Date:	May 7, 2001
Examiner:	S. Latimer
Group Art Unit:	2151
Title:	ROUTING SCHEME
	USING PREFERRED
	PATHS IN A MULTI-
	PATH
	INTERCONNECTION
	FABRIC IN A
	STORAGE NETWORK

•	CERTIFICATE OF FIRST CLASS MAIL
	I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date indicated below.
	Robert C. Kowert Name of Registered Representative
	Jan. 2 2002 UTCKT Date Signature

POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS

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Commissioner for Patents
Washington, D.C. 20231

Dear Sir/Madam:

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SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Kenneth Olsen	Reg. No. 26,493
Timothy J. Crean	Reg. No. 37,116
Alexander E. Silverman	Reg. No. 37,940
Anirma R. Gupta	Reg. No. 38,275
Sean P. Lewis	Reg. No. 42,798
Michael J. Schallop	Reg. No. 44,319
Noreen A. Krall	Reg. No. 39,734
Bernice B. Chen	Reg. No. 42,403
Richard J. Lutton, Jr.	Reg. No. 39,756
Marc D. Foodman	Reg. No. 34,110
Monica D. Lee	Reg. No. 40,696
Pavel Pogodin	Reg. No. P48,205
Naren Chaganti	Reg. No. 44,602
Elaine K. Lee	Reg. No. 41,936

Attorney Docket No.: 5181-75400

Hugh H. Matsubayashi	Reg. No. 43,779
Paul D. Sorkin	Reg. No. 39,039
Marilyn E. Glaubensklee	Reg. No. 35,521
Ramin Aghevli	Reg. No. 43,462
Andrew C. Chen	Reg. No. 43,544
Jeffrey L. Myers	Reg. No. 44,252

each of said attorneys being employed by Sun Microsystems; and

Mark Brightwell	Reg. No. 47,446
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Lawrence J. Merkel	Reg. No. 41,191
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
Theresa A. Moorman	Reg. No. 46,941
David W. Quimby	Reg. No. 39,338
Rory D. Rankin	Reg. No. 47,884
David A. Rose	Reg. No. 26,223
Doug Shamah	Reg. No. 45,093
Brenna Brock	Reg. No. 48,509
Mollie E. Hamel	Reg. No. 48,405
Mark Lupkowski	Reg. No. 49,010

each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert

CONLEY, ROSE & TAYON, P.C.

P.O. Box 398

Austin, Texas 78767-0398

(512) 476-1400

Assignee of Interest:

SUN MICROSYSTEMS, INC.

M/S PAL 01-521

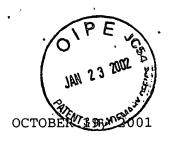
901 San Antonio Road Palo Alto, CA 94303

Dated: November 8, 2001

Name: Kenneth Olsen

Reg. No.: 26,493

Title: Vice President, Intellectual Property





UNITED STATES SEPARTMENT OF COMMERCE Patent and Trademark Office

5101-75400

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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CONLEY, ROSA & TAYON, P.C. ROBERT C. KOWART P.O. BOX 398 AUSTIN, TX 78767-0398



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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/13/2001

REEL/FRAME: 012072/0873

NUMBER OF PAGES: 4

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE INVENTOR'S NAME PREVIOUSLY

RECORDED ON REEL 011790, FRAME 0853.

ASSIGNOR:

LEE, WHAY S.

DOC DATE: 01/29/2001

ASSIGNOR:

RETTBERG, RANDALL D.

DOC DATE: 04/22/2001

ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD

PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09851299

PATENT NUMBER:

FILING DATE: 05/07/2001

ISSUE DATE:

SHARON LATIMER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

OCT 2.5 ***

FORM PTO-1595 O 6 - 20	-2001 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
COMPANY OF THE PARTY OF THE PAR	P5382
AU6 1 3 2001 =	
To the Honorable Commission of Patents and Trademai 10181	6030 Py thereof. Y: 13 0 1
1. Name of conveying party(ies) TRADEMAR	2. Name and address of receiving party(ies):
Whay S. Lee	Name: Sun Microsystems, Inc.
Randall D. Rettberg	Internal Address:
Additional names; of conveying party(ies) attached? yes no	
(0) F & 2)	Street Address: 901 San Antonio Road
JAN 2 3 2002	Succe Address. 201 San Antonio Road
JAN 23 DDD DI	
Real Control of the C	City Palo Alto State CA ZIP 94303
TRANFABATA	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance:	
Assignment	DECENTED
Merger	RECEIVED
Security Agreement Change of Name	JAN 2 8 2002
Other	_
Execution Date:1/29/01 and 4/22/01	Technology Center 2100
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution d.	ate of this application is: 1/29/01 and 4/22/01
A. Patent Application No.(s) B. Pate	ent No.(s)
	ed? Yes No 09 85 799
Additional numbers attach	ed? Yes No UT 15 790
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed:	6. Total number of applications and patents involved.
Name: Robert C. Kowert	
Internal Address: Conley, Rose & Tayon, P.C.	
Street Address: P.O. Box 398	
City Austin State TX ZIP 78767-0398	
City State Zii Zii Zii	7. Total fee (37 CFR 3.41):\$ 40.00
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	Authorized to be charged to deposit account
	Deposit account number: 501505/5181- (Attach a duplicate copy of this page if paying by deposit account)
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	convect and any attached convice a time convict the original document
To the best of my knowledge and belief, the foregoing information is true and	Air. 9 200 1
Robert C. Kowert Name of Person Signing	Circles Page
	Signature Date
Reg. No. 39,255	Total number of pages:3

05-16-	2001
FORM PTO-1595 1-31-92 JAN 23 2012	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office P5382
To the Honorable Commentance of Patents, the Trademans. Flease record the attact	1 0 ===
1. Name of conveying party(ies): What S. Lee Randall D. Rettberg Additional name(s) of conveying party(ies) attached? yes no	2. Name and address of receiving party(ies): Name: Sun Microsystems, Inc. Internal Address: Street Address: 901 San Antonio Road TRADENIANT TRADE
	City Palo Alto State CA ZIP 94303
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 1/29/01 and 4/22/01	RECEIVED JAN 2 8 2002 Technology Center 2100
 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of this application is: 1/29/01 and 4/22/01 A. Patent Application No.(s) B. Patent No.(s) Yes No 	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Robert C. Kowert	
Internal Address:	
	7. Total fee (37 CFR 3.41):
	8. Deposit account number: 501505/5181-75400/RCK ? (Attach a duplicate copy of this page if paying by deposit account)
	E THIS SPACE
9. Statement and Signature.	
To the best of my knowledge and belief, the foregoing information is true and	
Robert C. Kowert Name of Person Signing	Signature May 7, 2001 Date Total number of pages: 3
Reg. No. 39.255 OMB No. 0651-011 (exp.4/94)	Total number of pages:3
OHI DIO, OUSTOIT (CAP-4/24)	

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to <u>SUN MICROSYSTEMS</u>, <u>INC.</u> (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having its principal place of business at <u>901 San Antonio Road</u>, <u>Palo Alto, California 94303</u> their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, <u>ROUTING SCHEME USING PREFERRED PATHS IN A MULTI-PATH INTERCONNECTION FABRIC IN A STORAGE NETWORK</u>, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT 5181-75400 P5382

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Name:

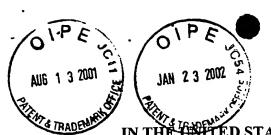
Whay S. Lee

Randall D. Rettberg

(Signature) <u>Ramball D Rottly</u> Date: <u>April 27, 2001</u>

Date: Jamery 29, 2001

Robert C. Kowert Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, TX 78767-0398



PATENT

(5181-75400)

Document ID No.: 101717651A

IE CHITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

09/851,299

Filed: May 7, 2001

Inventor(s): Whay S. Lee

Randall D. Rettberg

Title:

Routing Scheme Using

Preferred Paths in a Multi-Path Interconnection Fabric

in a Storage Network

Examiner:

Jeevon Jones

Group/Art Unit:

Unit: 2151

Atty. Dkt. No: 5181-75400

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Robert C. Kowert

ame of Registered Depresentative

Date

REQUEST FOR CORRECTED NOTICE OF RECORDATION OF ASSIGNMENT

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U.S. Patent and Trademark Office Assignment Division Box Assignments Crystal Gateway 4 1213 Jefferson Davis Hwy., St. 320 Washington, D.C. 20231

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Technology Center 2100

Sir:

The official Notice of Recordation received by our office on August 3, 2001, lists the inventor's name as What S. Lee. However, the correct name is Whay S. Lee. I have provided a copy of the Notice of Recordation with the change noted thereon. Applicants respectfully request that this change be made and a corrected Notice of Recordation be reissued in the above-identified application.

Respectfully submitted,

Robert C. Kower Reg. No. 39,255

Attorney for Applicant(s)

Conley, Rose & Tayon P.O. Box 398 Austin, Texas 78767-0398 (512) 476-1400





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UNITED STATES DEPARTMENT OF COMMERCE

5181-75400

Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

JULY 30, 2001

CONLEY, ROSE & TAYON, P.C. ROBERT C. KOWERT

P.O. BOX 398

USTIN, TX 78767-0398

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RECORDATION DATE: 05/07/2001

REEL/FRAME: 011790/0853

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: WHA

LEE, WHEN S.

DOC DATE: 01/29/2001

ASSIGNOR:

RETTBERG, RANDALL D.

DOC DATE: 04/22/2001

ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09851299

PATENT NUMBER:

FILING DATE: 05/07/2001

ISSUE DATE:

JEEVON JONES, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

AUG

FORM PTO-1595	Patent and Trademark Office
AUG 1 3 2001 ECORDATION FORM COVER SHEET PATENTS ONLY PASS 2	
To the Honorable Commissioner of Street, and Traderists. Please record the attach	ed original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Whay S. Lee Randall D. Rettberg	Name: Sun Microsystems, Inc.
	Internal Address:
Additional name(1) (People ving party(ies) attached? yes no	
(JAN 2 3 2002 ()	Street Address: 901 San Antonio Road
The state of the s	
TO AN FRANCISCO	City Palo Alto State CA ZIP 94303
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance:	
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Change of Name Other	
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A. Patent Application No.(s) B. Pat	
Additional numbers attact	Technology Center 2100
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Robert C. Kowert	
Internal Address: Conley, Rose & Tayon, P.C.	
Street Address: P.O. Box 398	
City Austin State TX ZIP 78767-0398	
	7. Total fee (37 CFR 3.41):\$ 40.00
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Robert C. Kowert	Avg 9 2001
Robert C. Kowert Name of Person Signing Reg. No. 39,255	

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To the Honorable Commission Patents and Trademarks. Please record the attach	ed original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
What S. Lee Randail D. Rettberg	Name: Sun Microsystems, Inc. Internal Address:
Additional name(s) of conveying party(ies) attached? yes no	Street Address: 901 San Antonio Road
	City Palo Alto State CA ZIP 94303
	Additional name(s) & address(es) attached? Yes No
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Assignment Merger	RECEIVED
Security Agreement	JAN 2 8 2002
Change of Name Other	
Execution Date: 1/29/01 and 4/22/01	Technology Center 2100
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If this document is being filed together with a new application, the execution de	ate of this application is: 1/29/01 and 4/22/01
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City Austin State TX ZIP 78767-0398	
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	Fee Authorization Enclosed
	8. Deposit account number: 501505/5181-75400/RCK (Attach a duplicate copy of this page if paying by deposit account)
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Robert C. Kowert	Signature May 7, 2001 Date
Name of Person Signing Reg. No. 39,255	Total number of pages:3
OMB No. 0651-011 (exp. 4/94)	

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